

## Press release

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### Programmable Frame Grabber with PCIe x4 Interface

**SILICONSOFTWARE** introduces at VISION 2007 a new CameraLink frame grabber on PCI Express technology with quad-lane interface(x4) and completes the CameraLink microEnable IV series.

microEnable IV-FULL x4 supports FULL configuration cameras up to 10 taps and up to two BASE configuration cameras. The frame grabber is equipped with 256 MB RAM onboard.

The board owns a FPGA, which can be used for the hardware based image processing in real time. The vision processor can be programmed with the graphical programming tool VisualApplets. Hereby the frame grabber can be adapted to individual requirements, i.e. from programming of the trigger interface, over the enhancement of the camera images to the complete implementation of processing steps for applications.

It is the first time that applications with high speed cameras can process an online-analysis and be programmed by an intuitive and easy to handle tool.

microEnable IV-FULL x4 was designed for a highly flexible and scalable use. Besides a trigger interface, the board is equipped with additional interfaces, i.e. to distribute image data of a camera up to 256 frame grabbers in a daisy chain or to enhance the processing capability by an additional processor sub-board.

microEnable IV-FULL x4 will be available on market with beginning of 2008.

### Contact persons

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Silicon Software GmbH, located in Mannheim/Germany, is a manufacturer of intelligent pre-processing solutions based on reprogrammable FPGA technology for machine vision applications. The hard- and software products are designed for flexibility, easy handling and performance featuring user programmable FPGA technology.

### Exhibition information

VISION 2007  
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Silicon Software GmbH

Booth 4D26  
Hall 4